RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/786,970
Source: IFWO
Date Processed by STIC: 3/9/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: **TELEPHONE: 571-272-2510; FAX: 571-273-0221**

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS.
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses.

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

IFWO

RAW SEQUENCE LISTING   DATE: 03/09/2004
PATENT APPLICATION: **US/10/786,970**   TIME: 07:48:13

    Input Set : **D:\orginally filed sequence.txt**
    Output Set: **N:\CRF4\03092004\J786970.raw**

    3 <110> APPLICANT: JOAN, KNOLL H
    4   ROGAN, PETER K
    6 <120> TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF
GENERATING SAME
    8 <130> FILE REFERENCE: 30307
C--> 10 <140> **CURRENT APPLICATION NUMBER: US/10/786,970**
C--> 11 <141> **CURRENT FILING DATE: 2004-02-24**
E--> 13 <160> **NUMBER OF SEQ ID NOS:** (613) _ Found 479
    15 <170> SOFTWARE: PatentIn version 3.1

                                        Does Not Comply
                                        Corrected Diskette Needed
                                          (pg. 1-3)

ERRORED SEQUENCES

    35506 <210> SEQ ID NO: 479
    35507 <211> LENGTH: 69
    35508 <212> TYPE: DNA
    35509 <213> ORGANISM: Artificial Sequence
    35511 <220> FEATURE:
    35512 <223> OTHER INFORMATION: Description of Artificial Sequence: repetitive sequence
found in
    35513   many eutherial genomes. Length of core repeating element is varia
    35514   ble and is often polymorphic
    35516 <400> SEQUENCE: 479
    35517 ttaattaatt aattaattaa ttaattaatt aattaattaa ttaattaatt aattaattaa   60
E--> 35519 ttaattaat   69 ← please insert

VERIFICATION SUMMARY   DATE: 03/09/2004
PATENT APPLICATION: **US/10/786,970**   TIME: 07:48:16

Input Set : **D:\orginally filed sequence.txt**
Output Set: **N:\CRF4\03092004\J786970.raw**

```
L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1140
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:120
M:341 Repeated in SeqNo=6
L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:720
M:341 Repeated in SeqNo=7
L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:60
M:341 Repeated in SeqNo=8
L:1215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
M:341 Repeated in SeqNo=9
L:1426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:360
M:341 Repeated in SeqNo=10
L:1517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:180
L:1639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:2280
L:1723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:300
M:341 Repeated in SeqNo=15
L:1830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:60
M:341 Repeated in SeqNo=16
L:1925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17
L:2130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:360
M:341 Repeated in SeqNo=18
L:2792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:60
M:341 Repeated in SeqNo=20
L:4671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:1200
M:341 Repeated in SeqNo=29
L:5580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:7200
L:7996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:8515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:420
M:341 Repeated in SeqNo=43
L:9416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
M:341 Repeated in SeqNo=48
L:9457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:9602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:300
L:9907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:60
M:341 Repeated in SeqNo=53
L:10298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0
M:341 Repeated in SeqNo=54
L:10621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
M:341 Repeated in SeqNo=55
L:10732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:120
M:341 Repeated in SeqNo=56
L:10808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:120
M:341 Repeated in SeqNo=58
L:11072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0
M:341 Repeated in SeqNo=60
```

VERIFICATION SUMMARY   DATE: 03/09/2004
PATENT APPLICATION: **US/10/786,970**   TIME: 07:48:16

Input Set : **D:\orginally filed sequence.txt**
Output Set: **N:\CRF4\03092004\J786970.raw**

```
L:11299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:360
M:341 Repeated in SeqNo=61
L:11836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
M:341 Repeated in SeqNo=62
L:13351 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:79,Line#:13342
L:15333 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:118,Line#:15330
L:18162 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:166
L:24301 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:262
L:31942 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:385
L:32427 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:398
L:33465 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:422
L:35519 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:69 SEQ:479
L:13 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (613) Counted (479)
```